

Message Text

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PAGE 01 IAEA V 05034 061524Z

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TAGS: TCH, IAEA, IN, CA, US

SUBJ: SCIENTIFIC VISIT TO US BY INDIAN NATIONALS

1. MISSION HAS RECEIVED COURTESY COPY OF MAY 28, 1974 AGENCY LETTER FROM DDG FOR TECHNICAL ASSISTANCE GOSWAMI SENT DIRECTLY TO DR. H.W. MAGOUN OF NATIONAL RESEARCH COUNCIL (AS IS USUAL

PRACTICE FOR CORRESPONDENCE DEALING WITH DETAILS OF IAEA FELLOWSHIP AND TRAINING ACTIVITIES IN US) TRANSMITTING NOMINATIONS AND DOSSIERS OF TWO INDIAN NATIONALS WHOM AGENCY WISHES SPONSOR FOR SCIENTIFIC VISITS TO US NUCLEAR FACILITIES.

2. FIRST NOMINEE IS RABINDRANATH RAY, AFFILIATED WITH REACTOR CONTROL DIVISION, BARC, LEADING CONTROL SYSTEM DESIGN AND ANALYSIS GROUP IN COMPUTER SIMULATION OF REACTOR SYSTEMS, DESIGN OF CONTROL OF SAFETY SYSTEMS FOR 100 MW THERMAL RESEARCH REACTOR AND RELATED FIELDS. RAY WISHES VISIT NRTS, IDAOH, FOR 3-4 WEEKS TO STUDY COMPUTER BASED CONTROL SYSTEMS FOR HEAVY WATER AND FAST REACTORS; APPLICATION NOTES THAT HIS DIVISION OF BARC HAS UNDERTAKEN PROGRAM OF DEVELOPMENT ON-LINE DIGITAL COMPUTER-BASED CONTROL SYSTEMS FOR NUCLEAR POWER

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PAGE 02 IAEA V 05034 061524Z

STATIONS TO BE BUILD IN INDIA IN NEAR FUTURE; RACTOR SYSTEMS OF INTERST ARE CANDU AND FBR. RAY HAS ALSO REQUESTED VISITS TO

VARIOUS POINTS IN CANADA (SEE PARA 4 BELOW), JULICH AND KARLSRUHE IN FRG, AND PRDC IN JAPAN.

3. SECOND NOMINEE IS SUBHASH C. PURUSHOTHAM, AFFILIATED WITH RADIOMETALLURGY SECTION, METALLURGY DIVISION, BARC, RESPONSIBLE FOR FABRICATION OF CORE FOR PURNIMA ZERO ENERGY FAST CRITICAL REACTOR CONSISTING OF 20 KG. PUO₂ IN FORM STAINLESS STEEL-CLAD PELLETS EVENTUALLY INTENDED TO BE UTILIZED IN PULSED FAST REACTOR BEING BUILT AT KALPAKKAM. PURUSHOTHAM WISHES VISIT US FOR 1-2 WEEKS INCLUDING GE VALLECTIOS CENTER, BATTELLE NORTHWEST AT RICHLAND AND ARGONNE NATIONAL LAB. PURPOSE OF VISIT IS TO STUDY PLUTONIUM FUEL FABRICATION IN CONNECTION ONGOING WORK FOR FABRICATION OF FUEL FOR FAST BREEDER TEST REACTOR (TO BE READY BY 1976) AND FOR LATER ESTABLISHMENT OF LARGE-SCALE PU FUEL FABRICATION PLANT FOR FAST POWER REACTORS. AGENCY AWARE ALOS INCLUDES 1-2 WEEK VISITS EAHC IN FRG AND BELGIUM FOR SIMILAR PURPOSE.

4. CANADIAN MISSION ADVISES US THAT RAY NOMINATION ONLY RECENTLY RECEIVED AND THAT THEY HAVE REQUESTED INSTRUCTIONS FROM OTTAWA. HOWEVER, CANADIAN MISOFF STATED THAT THEIR GENERAL INSTRUCTIONS CALL FOR TERMINATION OF VIRTUALLY ALL ONGOING CANADIAN COOPERATION WITH INDIA IN NUCLEAR FIELD, AND THAT HIS INTERPRETATION THESE INSTRUCTIONS AND CANADIAN PRACTICE REGARDING SEVERAL OTHER AGENCY FELLOWS OR VISITORS IN PAST SEVERAL DAYS (AGENCY HAS WITHDRAWN ALL CURRENTLY PENDING NOMINATIONS OF INDIANS FOR ANY STUDY IN CANADA AT CANADIAN REQUEST) MAKE HIM VIRTUALLY CERTAIN THAT OTTAWA WILL REQUEST AGENCY TO WITHDRAW RAY NOMINATION FOR VISIT TO CANADA.

5. AGENCY HAS NOT FORMALLY INQUIRED, BUT HAS ASKED QUITE INFORMALLY IF US COULD ADVISE THEM IF ANY OBJECTION FORESEEN TO ABOVE PROPOSED SCIENTIFIC VISITS. TAPE

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